

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H04L7/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 H04L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	PATENT ABSTRACTS OF JAPAN vol. 2000, no. 19, 5 June 2001 (2001-06-05) & JP 2001 035095 A (VICTOR CO OF JAPAN LTD), 9 February 2001 (2001-02-09) cited in the application abstract & JP 2001 035095 A (VICTOR CO OF JAPAN LTD) 9 February 2001 (2001-02-09) ----- PATENT ABSTRACTS OF JAPAN vol. 016, no. 465 (E-1270), 28 September 1992 (1992-09-28) & JP 04 165954 A (NORITZ CORP), 11 June 1992 (1992-06-11) abstract & JP 04 165954 A (NORITZ CORP) 11 June 1992 (1992-06-11) -----	1-20
A		1-20
	-/-	

 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

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Date of the actual completion of the international search

31 May 2005

Date of mailing of the international search report

07/06/2005

Name and mailing address of the ISA

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INTERNATIONAL SEARCH REPORT

International Application No.
PCT/JP2005/005596

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6 636 092 B1 (STINE ERIC) 21 October 2003 (2003-10-21) figures 2,3,6 column 2, line 38 - column 2, line 64 column 5, line 54 - column 6, line 4 -----	1-20

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Information on patent family members

International Application No
PCT/JP2005/005596

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
JP 2001035095	A	09-02-2001	NONE	
JP 04165954	A	11-06-1992	NONE	
JP 4165954	A	11-06-1992	NONE	
US 6636092	B1	21-10-2003	NONE	